

CORRECTED VERSION

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
15 December 2005 (15.12.2005)

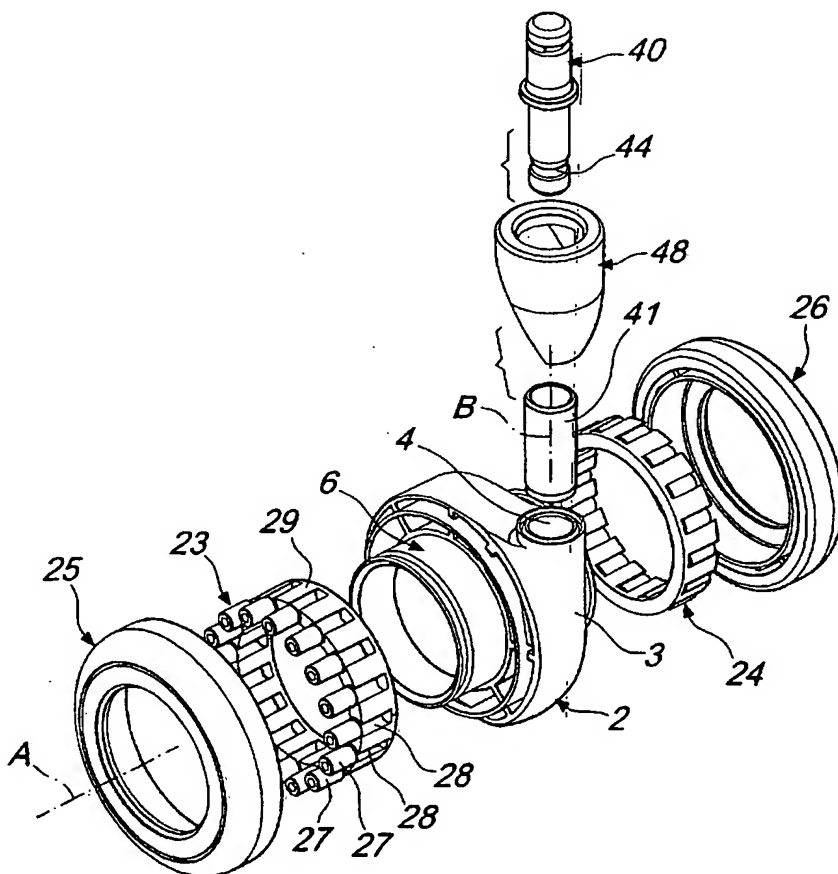
PCT

(10) International Publication Number  
**WO 2005/118314 A1**

- (51) International Patent Classification<sup>7</sup>: **B60B 33/00**
- (21) International Application Number:  
PCT/EP2005/000870
- (22) International Filing Date: 28 January 2005 (28.01.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
BO2004A000352 1 June 2004 (01.06.2004) IT
- (71) Applicant (for all designated States except US): **EMIL-SIDER MECCANICA S.P.A.** [IT/IT]; Via G. Di Vittorio, 17, I-40057 Cadriano Di Granarolo Dell'Emilia (IT).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **MELARA, Francesco** [IT/IT]; Via Galliera, 40, I-40121 Bologna (IT).
- (74) Agent: **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, I-20123 Milano (IT).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: SELF-ORIENTING CASTER FOR PIECES OF FURNITURE AND THE LIKE



(57) Abstract: A self-orienting caster for pieces of furniture, comprising a pair of wheels (25, 26), which are supported so that they can rotate about a horizontal axis (A) by a supporting body (2), which has a cylindrical recess (4) that has a vertical axis (B) and is open upward and axially offset with respect to said horizontal axis (A), and in which a pivot (40) for the caster (1) is inserted rotatably, the pivot being insertable in a receptacle of the piece of furniture in which the caster is to be fitted, further comprising a through seat (5) formed in the body (2), a tubular element (6) that is driven through the seat coaxially to the horizontal axis (A) and has two cylindrical tubular portions (7, 8) that lie on opposite sides of the body (2) in order to rotatably support the wheels (25, 26), means (10-18) for the axial and rotational locking of the tubular element (6) in the seat (5) and means (19-22) for retaining the wheels (25, 26) on the tubular portions (7, 8).



**Published:**

— *with international search report*

**(15) Information about Correction:**

see PCT Gazette No. 13/2006 of 30 March 2006

**(48) Date of publication of this corrected version:**

30 March 2006

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*